

CLAIMS

The following listing of claims is a complete listing of the pending claims, and supersedes all prior versions, and listings, of claims in this application.

LISTING OF CLAIMS

1. (Currently amended) A system for viewing measurements remotely, comprising:
a processor that is connected to a first wireless communications device, the processor and the first wireless communications device being external to an equipment;
wherein the processor is programmed to retrieve, via the first wireless communications device, directly and not via a controller in the equipment, at least one measurement from a second wireless communications device connected to at least one measurement device.
2. (Original) The system of claim 1, wherein the measurement represents at least one output from a sensor.
3. (Original) The system of claim 1, further comprising a user interface connected to the processor.
4. (Original) The system of claim 1, wherein the processor is further programmed to configure the measurement device.
5. (Original) The system of claim 1, wherein the processor is further programmed to perform at least one of: displaying data that has been retrieved from the measurement device, analyzing data that has been retrieved from the measurement device, and storing data that has been retrieved from the measurement device.

6. (Previously presented) The system of claim 1, wherein the processor is included in a computer that is selected from the group consisting of a custom-designed computing device, a desktop personal computer, a laptop personal computer, a handheld computer, and a java-enabled portable computing device.

7. (Original) The system of claim 1, further comprising a wireless network.

8. (Original) The system of claim 7, wherein the wireless communications device sends signals to the measurement device via the wireless network.

9. (Original) The system of claim 7, wherein the measurement device sends signals to the wireless communications device via the wireless network.

10. (Original) The system of claim 1, wherein the measurement device is selected from the group consisting of a gauge and a transducer.

11. (Previously presented) The system of claim 1, wherein the wireless communications device is selectively attached to at least one second measurement output device.

12 – 25. (Canceled)

26. (Currently amended) A system for viewing measurements remotely, comprising:
a first processor that is connected to a wireless communications device;
at least one sensor that provides at least one output related to a component in an equipment;
and

at least one measurement device comprising a second processor programmed to (1) receive an input from the sensor and (2) wirelessly communicate directly, and not through a controller in the equipment, with the first processor via the wireless communications device,

wherein the first processor is external to the equipment and is programmed to retrieve measurements from the measurement device via the wireless communications device.

27. (Previously presented) The system of claim 26, wherein the component is a component in a vehicle.

28. (Previously presented) The system of claim 26, wherein the at least one sensor is a plurality of sensors.

29. (Previously presented) The system of claim 26, wherein the at least one measurement device is a plurality of measurement devices.

30. (Previously presented) The system of claim 1, wherein the measurement relates to a component in the equipment.

31. (Previously presented) The system of claim 1, wherein the equipment is a vehicle.

32 – 34. (Canceled)

35. (Previously presented) The system of claim 1, wherein the at least one measurement device is selectively detachably connected to a component in the equipment.

36. (Canceled)

37. (Previously presented) The system of claim 26, wherein the at least one measurement device is selectively detachably connected to the component.

38. (New) A method for viewing measurements remotely, comprising:
- receiving, in a second wireless communications device, a first communication from a first wireless communication device the first wireless communications device being associated with a processor external to an equipment, and the second wireless communications device being associated with a measurement device in the equipment;
 - providing at least one datum from the measurement device to the second wireless communications device;
 - sending a second communication from the second wireless communications device to the first wireless communications device directly and not via a controller in the equipment.
39. (New) The method of claim 38, wherein the at least one datum represents at least one output from a sensor.
40. (New) The method of claim 38, further comprising sending a third communication from the processor for configuring the measurement device.
41. (New) The method of claim 40, wherein the third communication is sent before the first communication.
42. (New) The method of claim 38, further comprising performing at least one of: displaying data that has been retrieved from the measurement device, analyzing data that has been retrieved from the measurement device, and storing data that has been retrieved from the measurement device.
43. (New) The method of claim 38, wherein the processor is included in a computer that is selected from the group consisting of a custom-designed computing device, a desktop personal computer, a laptop personal computer, a handheld computer, and a java-enabled portable computing device.

44. (New) The method of claim 38, wherein the first wireless communications device sends signals to the measurement device via a wireless network.

45. (New) The method of claim 38, wherein the second wireless communications device sends signals to the wireless communications device via the wireless network.

46. (New) The method of claim 38, wherein the measurement device is selected from the group consisting of a gauge and a transducer.

47. (New) The method of claim 38, further comprising selectively attaching the second wireless communications device to at least one second measurement device.

48. (New) The method of claim 38, further comprising selectively detachably connecting the at least one measurement device to a component in the equipment.